

## AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims below.

### Listing of Claims:

1. (Currently Amended) ~~Method~~ A method for transfer of an IP packet over a path from a sender (~~CN-13~~) over a radio access network (~~BS-6, HA-15, FA-11~~) to a mobile host (~~MS-2~~), comprising:

~~characterized in that~~ examining, when a home agent (~~HA-15~~) receives an incoming data packet determined for a mobile host (~~MS-2~~) with a destination address (~~MS2-address: 137.21.16.5~~) ~~the home agent (HA-15) examines,~~ if there is a match between the destination address (~~MS2-address: 137.21.16.5~~) of the packet and a subnetwork address (~~FA-11-address: 137.21.16.0~~) of a foreign agent (~~FA-11~~) listed in a list of subnetwork addresses (~~137.21.16.0; 137.22.25.0~~) stored at the home agent (~~HA~~); and

~~wherein~~ examining, if there is a match between the destination address (~~MS2-address: 137.21.16.5~~) and a subnetwork address (~~FA-11-address: 137.21.16.0~~) of a foreign agent, ~~the home agent examines whether a preconfigured path from the home agent (HA-15) to this~~ the foreign agent exists and ~~wherein the home agent (HA-15) sends~~ sending the packet to ~~this~~ the foreign agent (~~FA-11~~) on ~~this~~ the preconfigured label switched path (~~37~~) if a label switched path (~~37~~) to ~~this~~ the foreign agent exists.

2. (Currently Amended) ~~Method~~ The method according to claim 1, wherein the home agent (~~HA-15~~) sends the packet to ~~this~~ the foreign agent (~~FA-11~~) on ~~this~~ the preconfigured label switched path (~~37~~) by sending the packet over a port of a forwarding interface (~~eth0~~) of the home agent (~~HA-15~~) which port is used for the path with ~~this~~ the path number (~~37~~).

3. (Currently Amended) ~~Method~~ The method according to ~~any of the preceding claims~~ claim 1, wherein the home agent (~~HA-15~~) examines if there is a match between the destination address (~~MS2-address: 137.21.16.5~~) of the packet and a subnetwork address

(~~FA 11 address: 137.21.16.0~~) of a foreign agent (~~FA 11~~) only if there is an entry (~~MS2 address: 137.21.16.5~~) in a binding cache of the home agent (~~HA 15~~) which entry corresponds to the destination address (~~MS2 address: 137.21.16.5~~) of the incoming packet.

4. (Currently Amended) ~~Method~~ The method according to ~~any of the preceding claims~~ claim 1, wherein a handover of a mobile host (~~MS1~~) from one foreign agent to an other foreign agent is done without creating or modifying a path between the foreign agent and a home agent of ~~this~~ the mobile host.

5. (Currently Amended) ~~Method~~ The method according to ~~any of the preceding claims~~ claim 1, wherein the path (~~37~~) is a preconfigured, statically administered, multipurpose label switched path.

6. (Currently Amended) ~~Method~~ The method according to ~~any of the preceding claims~~ claim 1, wherein the functional entities of mobile IP and multipurpose label switching MPLS are co-located but not correlated in a foreign agent (~~FA 11~~).

7. (Currently Amended) ~~Method~~ The method according to ~~any of the preceding claims~~ claim 1, wherein a foreign agent (~~FA 11~~) and a home agent (~~HA 15~~) are packet switched nodes of an IP network.

8. (Currently Amended) ~~Home~~ A home agent (~~HA 15~~),  
~~characterized in that it comprises, comprising:~~  
 [[-]] a memory ~~containing~~ including a list of subnetwork addresses (~~137.21.16.0; 137.22.25.0~~) of foreign agents;  
 [[-]] a comparing ~~means~~ device for comparing the destination address of an incoming data packet determined for a mobile host (~~MS2~~) with stored subnetwork addresses (~~137.21.16.0; 137.22.25.0~~) of foreign agents (~~FA 11, FA 12~~) for determining the foreign agent (~~FA 11~~) to which the packet is to be sent;

[[~~-~~]]a ~~means device~~ for determining a path~~(37)~~ for transmission of the packet to the foreign agent~~(FA-11)~~ by comparing the determined foreign agent~~(FA-11)~~ address (~~137.21.16.0~~) with stored addresses (~~137.21.16.0; 137.22.25.0~~) of foreign agents~~(FA-11, FA-12)~~, between which foreign agents~~(FA-11, FA-12)~~ and the home agent~~(HA-15)~~ paths~~(37, 62)~~ exist;and

[[~~-~~]]an interface (~~eth0~~) for transmitting a packet to a determined foreign agent~~(FA-11)~~ on a determined, preconfigured path~~(37)~~.